BRUHAT BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of Work: Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

3RD & PART BILL

DETAILED MEASUREMENT

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
email: tejusconsultants@gmail.com

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 007-18-000109, 007-18-000110, 007-18-000111, 007-18-000112, 007-18-000113, 007-18-000114, 007-18-000115, 007-18-000116, 007-18-000117, 007-18-000118, 007-18-000119, 007-18-000120, 007-18-000121, 007-18-000122, 28873

Bill No :- 3rd & Part Bill

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Name Of work :- Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	Length	Width B1	Width B2	Width Avg width	Depth	Quantity	Remarks
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										
	Vinayaka Layout										
	1st Main Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	L/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	L/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	L/S	1	15.00			0.60	0.50	4.50	
	45.00	60.00	L/S	1	15.00			0.60	0.50	4.50	
	60.00	75.00	L/S	1	15.00			0.60	0.50	4.50	
	75.00	90.00	L/S	1	15.00			0.60	0.50	4.50	
	90.00	105.00	L/S	1	15.00			0.60	0.50	4.50	
	105.00	120.00	L/S	1	15.00			0.60	0.50	4.50	
	120.00	135.00	L/S	1	15.00			0.60	0.50	4.50	
	135.00	150.00	L/S	1	15.00			0.60	0.50	4.50	
	150.00	163.50	L/S	1	13.50			0.60	0.50	4.05	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	R/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	R/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	R/S	1	15.00			0.60	0.50	4.50	
	45.00	60.00	R/S	1	15.00			0.60	0.50	4.50	
	60.00	75.00	R/S	1	15.00			0.60	0.50	4.50	
	75.00	90.00	R/S	1	15.00			0.60	0.50	4.50	
	90.00	105.00	R/S	1	15.00			0.60	0.50	4.50	
	105.00	120.00	R/S	1	15.00			0.60	0.50	4.50	
	120.00	135.00	R/S	1	15.00			0.60	0.50	4.50	

89.55

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palik
Bangalore - 560 09

	135.00	150.00	R/S	1	15.00			0.60	0.50	4.50	
	150.00	163.50	R/S	1	13.50			0.60	0.50	4.05	
	1st B Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	L/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	L/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	L/S	1	15.00			0.60	0.50	4.50	
	45.00	60.00	L/S	1	15.00			0.60	0.50	4.50	
	60.00	64.40	L/S	1	4.40			0.60	0.50	1.32	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	R/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	R/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	R/S	1	15.00			0.60	0.50	4.50	
	45.00	60.00	R/S	1	15.00			0.60	0.50	4.50	
	60.00	64.40	R/S	1	4.40			0.60	0.50	1.32	
	2nd B Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	L/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	L/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	L/S	1	15.00			0.60	0.50	4.50	
	45.00	60.00	L/S	1	15.00			0.60	0.50	4.50	
	60.00	75.00	L/S	1	15.00			0.60	0.50	4.50	
	75.00	81.00	L/S	1	6.00			0.60	0.50	1.80	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	R/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	R/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	R/S	1	15.00			0.60	0.50	4.50	
	45.00	60.00	R/S	1	15.00			0.60	0.50	4.50	
	60.00	75.00	R/S	1	15.00			0.60	0.50	4.50	
	75.00	81.00	R/S	1	6.00			0.60	0.50	1.80	
	3rd Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	L/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	L/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	L/S	1	15.00			0.60	0.50	4.50	

Consultant

Contractor

Assistant Engineer

109.29

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560

	45.00	60.00	L/S	1	15.00			0.60	0.50	4.50	
	60.00	76.60	L/S	1	16.60			0.60	0.50	4.98	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	R/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	R/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	R/S	1	15.00			0.60	0.50	4.50	
	45.00	60.00	R/S	1	15.00			0.60	0.50	4.50	
	60.00	76.60	R/S	1	16.60			0.60	0.50	4.98	
	4th A Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	L/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	L/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	L/S	1	15.00			0.60	0.50	4.50	
	45.00	60.00	L/S	1	15.00			0.60	0.50	4.50	
	60.00	73.00	L/S	1	13.00			0.60	0.50	3.90	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	R/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	R/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	R/S	1	15.00			0.60	0.50	4.50	
	45.00	60.00	R/S	1	15.00			0.60	0.50	4.50	
	60.00	73.00	R/S	1	13.00			0.60	0.50	3.90	
	5th Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	L/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	L/S	1	15.00			0.60	0.50	4.50	
	30.00	47.50	L/S	1	17.50			0.60	0.50	5.25	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	R/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	R/S	1	15.00			0.60	0.50	4.50	
	30.00	47.50	R/S	1	17.50			0.60	0.50	5.25	
	6th Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	L/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	L/S	1	15.00			0.60	0.50	4.50	

Consultant

Contractor

Assistant Engineer

113.76

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 092

	30.00	45.00	L/S	1	15.00			0.60	0.50	4.50	
	45.00	49.30	L/S	1	4.30			0.60	0.50	1.29	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	R/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	R/S	1	15.00			0.60	0.50	4.50	
	30.00	45.00	R/S	1	15.00			0.60	0.50	4.50	
	45.00	49.30	R/S	1	4.30			0.60	0.50	1.29	
	Kempapura										
	1st Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	10.00	L/S	1	5.00			0.60	0.50	1.50	
	10.00	20.00	L/S	1	10.00			0.60	0.50	3.00	
	20.00	30.00	L/S	1	10.00			0.60	0.50	3.00	
	30.00	39.00	L/S	1	9.00			0.60	0.50	2.70	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	10.00	R/S	1	5.00			0.60	0.50	1.50	
	10.00	20.00	R/S	1	10.00			0.60	0.50	3.00	
	20.00	30.00	R/S	1	10.00			0.60	0.50	3.00	
	30.00	39.00	R/S	1	9.00			0.60	0.50	2.70	
	2nd Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	10.00	L/S	1	5.00			0.60	0.50	1.50	
	10.00	20.00	L/S	1	10.00			0.60	0.50	3.00	
	20.00	30.00	L/S	1	10.00			0.60	0.50	3.00	
	30.00	38.70	L/S	1	8.70			0.60	0.50	2.61	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	10.00	R/S	1	5.00			0.60	0.50	1.50	
	10.00	20.00	R/S	1	10.00			0.60	0.50	3.00	
	20.00	30.00	R/S	1	10.00			0.60	0.50	3.00	
	30.00	38.70	R/S	1	8.70			0.60	0.50	2.61	
	3rd Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	10.00	L/S	1	5.00			0.60	0.50	1.50	
	10.00	20.00	L/S	1	10.00			0.60	0.50	3.00	

73.20

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 0

	20.00	30.00	L/S	1	10.00			0.60	0.50	3.00	
	30.00	37.80	L/S	1	7.80			0.60	0.50	2.34	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	10.00	R/S	1	5.00			0.60	0.50	1.50	
	10.00	20.00	R/S	1	10.00			0.60	0.50	3.00	
	20.00	30.00	R/S	1	10.00			0.60	0.50	3.00	
	30.00	37.80	R/S	1	7.80			0.60	0.50	2.34	
	4th Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	L/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	L/S	1	15.00			0.60	0.50	4.50	
	30.00	35.90	L/S	1	5.90			0.60	0.50	1.77	
	RHS										
	0.00	5.00	R/S	1	5.00			0.60	0.50	1.50	
	5.00	15.00	R/S	1	10.00			0.60	0.50	3.00	
	15.00	30.00	R/S	1	15.00			0.60	0.50	4.50	
	30.00	35.90	R/S	1	5.90			0.60	0.50	1.77	
										38.22	
								Total Quantity		**424.02**	**Cum**

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

6	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)										
	Vinayaka Layout										
	1st Main Road										
	LHS										
	15.00	30.00	L/S	1	15.00				1.80	27.00	
	45.00	60.00	L/S	1	15.00				1.80	27.00	
	60.00	75.00	L/S	1	15.00				1.80	27.00	
	122.00	133.00	L/S	1	11.00				1.80	19.80	
	133.00	142.00	L/S	1	9.00				1.80	16.20	
	RHS										
	5.00	15.00	R/S	1	10.00				1.80	18.00	
	45.00	60.00	R/S	1	15.00				1.80	27.00	
	82.50	89.50	R/S	1	7.00				1.80	12.60	
	89.50	104.50	R/S	1	15.00				1.80	27.00	
	104.50	115.50	R/S	1	11.00				1.80	19.80	
	145.00	160.00	R/S	1	15.00				1.80	27.00	
	160.00	163.50	R/S	1	3.50				1.80	6.30	
	1st B Cross Road										
	LHS										
	50.00	64.40	L/S	1	14.40				1.80	25.92	
	RHS										
	15.00	30.00	R/S	1	15.00				1.80	27.00	
	2nd B Cross Road										
	LHS										
	5.00	15.00	L/S	1	10.00				1.80	18.00	
	51.00	66.00	L/S	1	15.00				1.80	27.00	
	RHS										
	31.00	46.00	R/S	1	15.00				1.80	27.00	
	76.00	81.00	R/S	1	5.00				1.80	9.00	
	3rd Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00				1.80	9.00	
	5.00	15.00	L/S	1	10.00				1.80	18.00	
	RHS										
	0.00	5.00	R/S	1	5.00				1.80	9.00	
	50.00	65.00	R/S	1	15.00				1.80	27.00	
	4th A Cross Road										
	LHS										

451.62

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara
Bangalore - 56

	0.00	5.00	L/S	1	5.00				1.80	9.00	
	RHS										
	26.50	35.40	R/S	1	8.90				1.80	16.02	
	35.40	52.00	R/S	1	16.60				1.80	29.88	
	5th Cross Road										
	LHS										
	0.00	10.00	L/S	1	10.00				1.80	18.00	
	38.00	47.50	L/S	1	9.50				1.80	17.10	
	RHS										
	0.00	5.00	R/S	1	5.00				1.80	9.00	
	5.00	15.00	R/S	1	10.00				1.80	18.00	
	15.00	30.00	R/S	1	15.00				1.80	27.00	
	30.00	47.50	R/S	1	17.50				1.80	31.50	
	6th Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00				1.80	9.00	
	5.00	15.00	L/S	1	10.00				1.80	18.00	
	30.00	45.00	L/S	1	15.00				1.80	27.00	
	45.00	49.30	L/S	1	4.30				1.80	7.74	
	RHS										
	0.00	5.00	R/S	1	5.00				1.80	9.00	
	15.00	30.00	R/S	1	15.00				1.80	27.00	
	45.00	49.30	R/S	1	4.30				1.80	7.74	
	Kempapura										
	1st Cross Road										
	LHS										
	5.00	10.00	L/S	1	5.00				1.80	9.00	
	30.00	39.00	L/S	1	9.00				1.80	16.20	
	RHS										
	0.00	5.00	R/S	1	5.00				1.80	9.00	
	5.00	10.00	R/S	1	5.00				1.80	9.00	
	10.00	20.00	R/S	1	10.00				1.80	18.00	
	2nd Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00				1.80	9.00	
	5.00	10.00	L/S	1	5.00				1.80	9.00	
	3rd Cross Road										
	LHS										

Consultant

Contractor

Assistant Engineer

360188

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	0.00	5.00	L/S	1	5.00				1.80	9.00	
	5.00	10.00	L/S	1	5.00				1.80	9.00	
	RHS										
	10.00	20.00	R/S	1	10.00				1.80	18.00	
	30.00	37.80	R/S	1	7.80				1.80	14.04	
	4th Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00				1.80	9.00	
	5.00	14.00	L/S	1	9.00				1.80	16.20	
	RHS										
	0.00	5.00	R/S	1	5.00				1.80	9.00	
	30.00	35.90	R/S	1	5.90				1.80	10.62	NOD 6/2
										94.86	
								Total Quantity		**906.66**	**Sqm**

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

7	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)										
	Vinayaka Layout										
	1st Main Road										
	LHS										
	75.00	82.50	L/S	1	7.50				1.80	13.50	
	142.00	145.00	L/S	1	3.00				1.80	5.40	
	RHS										
	75.00	82.50	R/S	1	7.50				1.80	13.50	
	1st B Cross Road										
	LHS										
	45.00	50.00	L/S	1	5.00				1.80	9.00	
	RHS										
	0.00	5.00	R/S	1	5.00				1.80	9.00	
	2nd B Cross Road										
	LHS										
	30.00	33.00	L/S	1	3.00				1.80	5.40	
	RHS										
	9.00	18.00	R/S	1	9.00				1.80	16.20	
	3rd Cross Road										
	LHS										
	42.00	50.00	L/S	1	8.00				1.80	14.40	
	RHS										
	42.00	50.00	R/S	1	8.00				1.80	14.40	
	4th A Cross Road										
	LHS										
	60.00	73.00	L/S	1	13.00				1.80	23.40	
	RHS										
	52.00	73.00	R/S	1	15.00				1.80	27.00	
	5th Cross Road										
	LHS										
	10.00	25.00	L/S	1	15.00				1.80	27.00	
	6th Cross Road										
	LHS										
	15.00	30.00	L/S	1	15.00				1.80	27.00	
	RHS										

205.20

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palik
Bangalore - 560 092

	5.00	15.00	R/S	1	10.00				1.80	18.00	
	Kempapura										
	1st Cross Road										
	LHS										
	0.00	5.00	L/S	1	5.00				1.80	9.00	
	20.00	30.00	L/S	1	10.00				1.80	18.00	
	RHS										
	20.00	32.00	R/S	1	12.00				1.80	21.60	
	2nd Cross Road										
	RHS										
	0.00	5.00	R/S	1	5.00				1.80	9.00	
	30.00	38.70	R/S	1	8.70				1.80	15.66	
	3rd Cross Road										
	LHS										
	30.00	37.80	L/S	1	7.80				1.80	14.04	
	RHS										
	5.00	10.00	R/S	1	5.00				1.80	9.00	
	4th Cross Road										
	LHS										
	15.00	30.00	L/S	1	15.00				1.80	27.00	
										141.30	
								Total Quantity		**346.50**	**Sqm**

N.D 23/2/2010

23/2/2010

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

22	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										
	Vinayaka layout										
	1st Main Road										
	15.00	30.00		1	15.00	3.80	4.30	4.05	0.23	13.97	
	45.00	60.00		1	15.00	4.70	4.90	4.80	0.23	16.56	
	90.00	99.80		1	9.80	3.80	4.00	3.90	0.23	8.79	
	Bad Reaches										
				1	3.20			0.40	0.23	0.29	
				1	6.60			0.40	0.23	0.61	
				1	2.00			1.10	0.23	0.51	
	Edge Lines										
	LHS										
	0.00	15.00	L/S	1	15.00	0.20	0.30	0.25	0.23	0.86	
	15.00	20.00	L/S	1	5.00	0.20	0.30	0.25	0.23	0.29	
	34.00	49.00	L/S	1	15.00	0.30	0.20	0.25	0.23	0.86	
	49.00	63.70	L/S	1	14.70	0.30	0.20	0.25	0.23	0.85	
	RHS										
	0.00	15.00	R/S	1	15.00	0.30	0.30	0.30	0.23	1.04	
	15.00	20.00	R/S	1	5.00	0.30	0.30	0.30	0.23	0.35	
	42.00	57.00	R/S	1	15.00	0.30	0.30	0.30	0.23	1.04	
	57.00	63.70	R/S	1	6.70	0.30	0.30	0.30	0.23	0.46	
	1st B Cross Road										
				1	15.00			0.90	0.23	3.11	
				1	15.00			0.90	0.23	3.11	
				1	6.00			0.90	0.23	1.24	
				1	15.00	4.80	4.20	4.50	0.23	15.53	
				1	13.50	4.80	4.20	4.50	0.23	13.97	
	Edge Lines										
	LHS										
			L/S	1	15.00			0.20	0.23	0.69	
			L/S	1	4.40			0.20	0.23	0.20	
	RHS										
			R/S	1	15.00			0.40	0.23	1.38	
			R/S	1	10.40			0.40	0.23	0.96	
	2nd B Cross Road										

86.64

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division

Bruhat Bangalore Mahanagara Palik

Bangalore - 560 09

				1	1.10			1.20	0.23	0.30	
				1	1.00			2.20	0.23	0.51	
				1	1.00			2.90	0.23	0.67	
	Edge Lines										
	LHS										
			L/S	1	6.80			0.60	0.23	0.94	
			L/S	1	12.00			0.40	0.23	1.10	
			L/S	1	2.00			0.60	0.23	0.28	
			L/S	1	2.10			0.30	0.23	0.14	
			L/S	1	3.00			0.55	0.23	0.38	
			L/S	1	4.80			0.20	0.23	0.22	
			L/S	1	6.20			0.40	0.23	0.57	
	RHS										
			R/S	1	4.20			0.60	0.23	0.58	
			R/S	1	0.80			1.10	0.23	0.20	
			R/S	1	4.00			0.30	0.23	0.28	
			R/S	1	2.50			5.80	0.23	3.34	
			R/S	1	15.00			0.40	0.23	1.38	
			R/S	1	9.00			0.40	0.23	0.83	
	3rd Cross Road										
				1	0.40			2.20	0.23	0.20	
				1	0.90			2.10	0.23	0.43	
				1	1.10			0.40	0.23	0.10	
				1	0.20			5.30	0.23	0.24	
				1	0.30			2.50	0.23	0.17	
				1	0.40			5.40	0.23	0.50	
				1	4.70			4.80	0.23	5.19	
	Edge Lines										
	LHS										
			L/S	1	12.10			0.30	0.23	0.83	
			L/S	1	15.60			0.45	0.23	1.61	
	RHS										
			R/S	1	12.3			0.20	0.23	0.57	
	4th A Cross Road										
				1	0.30			2.20	0.23	0.15	
				1	1.10			1.70	0.23	0.43	
				1	0.80			1.30	0.23	0.24	
				1	0.90			4.80	0.23	0.99	
				1	0.80			0.70	0.23	0.13	
				1	0.35			2.20	0.23	0.18	
				1	13.20	6.80	6.40	6.60	0.23	20.04	
	Edge Lines										

43.73

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	LHS										
			L/S	1	6.00			0.58	0.23	0.80	
			L/S	1	8.00			0.27	0.23	0.50	
			L/S	1	2.10			0.20	0.23	0.10	
			L/S	1	14.40			0.30	0.23	0.99	
	RHS										
			R/S	1	6.00			0.20	0.23	0.28	
			R/S	1	4.20			0.20	0.23	0.19	
			R/S	1	3.40			0.25	0.23	0.20	
			R/S	1	14.40			0.20	0.23	0.66	
	5th Cross Road										
	15.00	30.00		1	15.00	6.00	5.85	5.93	0.23	20.44	
	6th Cross Road										
	30.00	45.00		1	15.00	6.00	5.90	5.95	0.23	20.53	
	Kempapura										
	1st Cross Road										
	20.00	30.00		1	10.00	4.00	3.80	3.90	0.23	8.97	
	2nd Cross Road										
				1	1.15			4.80	0.23	1.27	
				1	0.20			5.00	0.23	0.23	
	Edge Lines										
	LHS										
			L/S	1	8.40			0.30	0.23	0.58	
			L/S	1	6.00			0.25	0.23	0.35	
	RHS										
			R/S	1	15.00			0.55	0.23	1.90	
			R/S	1	2.00			0.55	0.23	0.25	
	3rd Cross Road										
				1	6.00			3.40	0.23	4.69	
	Edge Lines										
	RHS										
			R/S	1	9.60			0.38	0.23	0.84	
			R/S	1	9.00			1.00	0.23	2.07	
			R/S	1	12.60			0.25	0.23	0.72	
	4th Cross Road										
				1	1.20			2.20	0.23	0.61	
				1	4.20			0.20	0.23	0.19	
	Edge Lines										
	LHS										

67.35

Consultant

Contractor

Asst Alf. N.D

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

			L/S	1	7.80			0.30	0.23	0.54	
	RHS										
			R/S	1	9.00			0.40	0.23	0.83	
			R/S	1	13.20			0.60	0.23	1.82	
										3.19	
								Total Quantity		**200.91**	**Cum**
										NDD 23/2	

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	0.00	5.00		1	5.00	5.60	5.80	5.70	0.04	1.14	
	5.00	15.00		1	10.00	5.80	6.00	5.90	0.04	2.36	
	15.00	30.00		1	15.00	6.00	6.00	6.00	0.04	3.60	
	30.00	45.00		1	15.00	6.00	5.60	5.80	0.04	3.48	
	45.00	60.00		1	15.00	5.60	3.60	4.60	0.04	2.76	
	60.00	76.60		1	16.60	3.60	3.45	3.53	0.04	2.34	
	4th A Cross Road										
	0.00	5.00		1	5.00	5.50	5.80	5.65	0.04	1.13	
	5.00	15.00		1	10.00	5.80	6.15	5.98	0.04	2.39	
	15.00	30.00		1	15.00	6.15	6.67	6.41	0.04	3.85	
	30.00	45.00		1	15.00	6.67	5.60	6.14	0.04	3.68	
	45.00	60.00		1	15.00	5.60	5.60	5.60	0.04	3.36	
	60.00	73.00		1	13.00	5.60	6.10	5.85	0.04	3.04	
	5th Cross Road										
	0.00	5.00		1	5.00	6.70	6.35	6.53	0.04	1.31	
	5.00	15.00		1	10.00	6.35	6.00	6.18	0.04	2.47	
	15.00	30.00		1	15.00	6.00	5.85	5.93	0.04	3.56	
	30.00	47.50		1	17.50	5.85	5.85	5.85	0.04	4.10	
	6th Cross Road										
	0.00	5.00		1	5.00	6.10	6.00	6.05	0.04	1.21	
	5.00	15.00		1	10.00	6.00	6.00	6.00	0.04	2.40	
	15.00	30.00		1	15.00	6.00	6.00	6.00	0.04	3.60	
	30.00	45.00		1	15.00	6.00	5.90	5.95	0.04	3.57	
	45.00	49.30		1	4.30	5.90	4.70	5.30	0.04	0.91	
	Kempapura										
	1st Cross Road										
	0.00	5.00		1	5.00	4.40	4.10	4.25	0.04	0.85	
	5.00	10.00		1	5.00	4.10	3.85	3.98	0.04	0.80	
	10.00	20.00		1	10.00	3.85	4.00	3.93	0.04	1.57	
	20.00	30.00		1	10.00	4.00	3.80	3.90	0.04	1.56	
	30.00	39.00		1	9.00	3.80	3.90	3.85	0.04	1.39	
	2nd Cross Road										
	0.00	5.00		1	5.00	4.70	4.40	4.55	0.04	0.91	
	5.00	10.00		1	5.00	4.40	4.10	4.25	0.04	0.85	
	10.00	20.00		1	10.00	4.10	3.60	3.85	0.04	1.54	
	20.00	30.00		1	10.00	3.60	2.80	3.20	0.04	1.28	
	30.00	38.70		1	8.70	2.80	2.75	2.78	0.04	0.97	

Consultant

Contractor

Assistant Engineer

67-95

Assistant Executive Engineer

Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pal
Bangalore - 560 092

	3rd Cross Road										
	0.00	5.00		1	5.00	5.30	4.45	4.88	0.04	0.98	
	5.00	10.00		1	5.00	4.45	3.60	4.03	0.04	0.81	
	10.00	20.00		1	10.00	3.60	3.85	3.73	0.04	1.49	
	20.00	30.00		1	10.00	3.85	3.10	3.48	0.04	1.39	
	30.00	37.80		1	7.80	3.10	3.20	3.15	0.04	0.98	
	4th Cross Road										
	0.00	5.00		1	5.00	5.20	5.10	5.15	0.04	1.03	
	5.00	15.00		1	10.00	5.10	5.00	5.05	0.04	2.02	
	15.00	30.00		1	15.00	5.00	4.90	4.95	0.04	2.97	
	30.00	35.90		1	5.90	4.90	4.75	4.83	0.04	1.14	
										12.80	
								Total Quantity		**142.55**	**Cum**

Checked
18/3/2020

NDP
18/3/2020

Consultant Contractor Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mananagara Pal
Bangalore - 560 0

36	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)								
	Vinayaka Layout								
	1st Main Road								
	Edge Line	2	163.50			0.10		32.70	
	1st B Cross Road								
	Edge Line	2	64.40			0.10		12.88	
	2nd B Cross Road								
	Edge Line	2	81.00			0.10		16.20	
	3rd Cross Road								
	Edge Line	2	76.60			0.10		15.32	
	4th A Cross Road								
	Edge Line	2	73.00			0.10		14.60	
	5th Cross Road								
	Edge Line	2	47.50			0.10		9.50	
	6th Cross Road								
	Edge Line	2	49.30			0.10		9.86	
	Kempapura								
	1st Cross Road								
	Edge Line	2	39.00			0.10		7.80	
	2nd Cross Road								
	Edge Line	2	38.70			0.10		7.74	
	3rd Cross Road								
	Edge Line	2	37.80			0.10		7.56	
	4th Cross Road								
	Edge Line	2	35.90			0.10		7.18	
								141.34	
						Total Quantity		**141.34**	**Sqm**

Consultant

Contractor

Assistant Engineer

Assistant Executive Enginee

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560